

## Thiosulfate sulfurtransferase E.Coli Recombinant

<b>Item Number</b>	rAP-2019
<b>Synonyms</b>	ECK3411, JW3388, b3425, Thiosulfate sulfurtransferase GlpE.
<b>Description</b>	glpE Recombinant produced in E. coli is a single polypeptide chain containing 131 amino acids (1-108) and having a molecular mass of 14.5kDa. glpE is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P0A6V5
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMDQFECI NVADAHQKLQ EKEAVLVDIR DPQSFAMGHA VQAFHLTNDT LGAFMRDNDF DTPVMVMCYH GNSSKGAAQY LLQQGYDVVY SIDGGFEAWQ RQFPAEVAYG A.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The glpE solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**